

IN THE CLAIMS

Please amend the claims as follows:

Claims 1-8 (Canceled).

Claim 9 (New): A position detection device, comprising:

a first substrate;

a first ohmic resistor applied to said first substrate and extending along an active surface of said position detector, said first ohmic resistor connected between first and second terminals of said position detection device;

a plurality of electrical conductors connected to the first ohmic resistor at discrete points thereon and said electrical conductors extending from the first ohmic resistor within the active surface; and

a plurality of conducting elements arranged, within said active surface, so as to alternate between said first electrical conductors, a first end of said conducting elements being connected to a third terminal of said position detection device;

wherein said conducting elements are configured as an ohmic resistor extending over the active surface of the device and a second end of said conducting elements is connected to a fourth terminal of said position detection device.

Claim 10 (New): The device as claimed in claim 9, wherein the first substrate comprises an elastic support sheet.

Claim 11 (New): The device as claimed in claim 9, wherein the first substrate comprises a printed circuit board.

Claim 12 (New): The device as claimed claim 9, wherein said conducting elements are made of a same material as said electrical conductors.

Claim 13 (New): The device as claimed in claim 9, further comprising a second substrate and a layer made of resistive or semiconductor material applied to said second substrate, said second substrate being arranged on top of the first substrate such that said layer of resistive or semiconductor material faces said electrical conductors and conducting elements within the active surface.

Claim 14 (New): The device as claimed in claim 13, wherein said second substrate comprises an elastic support sheet.

Claim 15 (New): The device as claimed claim 13, further comprising a pressure-distributing layer applied to said second substrate.

Claim 16 (New): A data input device including a position detection device, said position detection device comprising:

- a first substrate;

- a first ohmic resistor applied to said first substrate and extending along an active surface of said position detector, said first ohmic resistor connected between first and second terminals of said position detection device;

- a plurality of electrical conductors connected to the first ohmic resistor at discrete points thereon and said electrical conductors extending from the first ohmic resistor within the active surface; and

a plurality of conducting elements arranged, within said active surface, so as to alternate between said first electrical conductors, a first end of said conducting elements being connected to a third terminal of said position detection device;

wherein said conducting elements are configured as an ohmic resistor extending over the active surface of the device and a second end of said conducting elements is connected to a fourth terminal of said position detection device.

Claim 17 (New): A position detection device having an active surface and at least a first and a second terminal, said position detector comprising:

a first substrate;

a first ohmic resistor applied to said first substrate and extending along said active surface, said first ohmic resistor being connected between said first and second terminals;

a plurality of electrical conductors connected to the first ohmic resistor at discrete points thereon and said electrical conductors extending from the first ohmic resistor within the active surface; and

a plurality of conducting elements arranged, within said active surface, between said first electrical conductors so as to alternate with said first electrical conductors, a first end of said conducting elements being connected to a third terminal of said position detection device;

wherein said conducting elements are configured as an ohmic resistor extending over the active surface of the device and a second end of said conducting elements is connected to a fourth terminal of said position detection device.

Claim 18 (New): The device as claimed in claim 17, wherein the first substrate comprises an elastic support sheet.

Claim 19 (New): The device as claimed in claim 17, wherein the first substrate comprises a printed circuit board.

Claim 20 (New): The device as claimed claim 17, wherein said conducting elements are made of a same material as said electrical conductors.

Claim 21 (New): The device as claimed in claim 17, further comprising a second substrate and a layer made of resistive or semiconductor material applied to said second substrate, said second substrate being arranged on top of the first substrate such that said layer of resistive or semiconductor material faces said electrical conductors and conducting elements within the active surface.

Claim 22 (New): The device as claimed in claim 21, wherein said second substrate comprises an elastic support sheet.

Claim 23 (New): The device as claimed claim 21, further comprising a pressure-distributing layer, applied to said second substrate.

Claim 24 (New): A data input device including a position detection device, said position detection device comprising:

- a first substrate;

- a first ohmic resistor applied to said first substrate and extending along said active surface, said first ohmic resistor being connected between said first and second terminals;

a plurality of electrical conductors connected to the first ohmic resistor at discrete points thereon and said electrical conductors extending from the first ohmic resistor within the active surface; and

a plurality of conducting elements arranged, within said active surface, between said first electrical conductors so as to alternate with said first electrical conductors, a first end of said conducting elements being connected to a third terminal of said position detection device;

wherein said conducting elements are configured as an ohmic resistor extending over the active surface of the device and a second end of said conducting elements is connected to a fourth terminal of said position detection device.